NASA Applied Sciences Program

Organizations Related to Homeland Security

The NASA Applied Sciences Program encourages teams and partnerships across public and private sectors, including national and regional organizations and associations. The following organizations are examples of national or regional associations related to Homeland Security.

(Note: This list is not exhaustive and is provided for reference and example only. The NASA Applied Sciences Program does not necessarily have established relationships with these organizations, and the Program does not imply endorsement of any organization on this list.)

❖ *Homeland Security Research Corporation:*
   o **Location(s)**: Washington, DC (HQ).
   o **Mission Statement:** To study, analyze, and develop innovative technologies, and to create actionable knowledge about the homeland security industry and its products.
   o **Additional Info**: Homeland Security Research Corporation's reports are designed to fulfill the information needs of decision makers at all levels of industry and government, security executives, R&D, scientists, first responders, vendors, analysts and investors. HSRC's innovative threat detection/mitigation technologies aim at providing a cost-effective solution to complex screening and detection technologies. Their areas of expertise include Nuclear/Radiological Threat Detection, Transportation Security (land, sea, air), People Screening, Cargo Security, Container Security, Mail and Mailroom Security, Sensitive Sites & Public Spaces Security, and Weapons of Mass Destruction / Disruption.
   o **Website**: http://www.homelandsecurityresearch.com/
   o **Contact Person:** Dan Inbar, Chairman & CTO
      Mail: 601 Pennsylvania Avenue Center, 601 Pennsylvania Avenue, N.W., Suite 900, South Building, Washington DC 20004
      Email: dinbar@hsrc.biz
      Phone: (202) 434-8208
      Fax: (202) 639-8238

❖ *RAND Corporation:*
   o **Location(s)**: Arlington, VA (HQ).
   o **Mission Statement:** To help improve policy and decision-making through research and analysis.
   o **Additional Info**: RAND is a nonprofit organization that has pursued its nonprofit mission by conducting research on important and complicated problems. RAND (the name of which was derived from a contraction of the term *research and development*) focuses mainly on issues of national security, but also offers insight into other areas, such as business, education health, law, and science. Research in the Homeland Security Program supports the Department of Homeland Security and other agencies charged with preventing and mitigating the effects of terrorist activity within U.S. borders. Projects in this program will include critical infrastructure protection, emergency management, terrorism risk management, border control (particularly ports), first responders and preparedness, domestic threat assessments, domestic intelligence, and manpower and training.
   o **Website**: http://www.rand.org/
   o **Contact Person:** Michael Wermuth, *Director*

Mail: 1200 S. Hayes Street,, Arlington, VA 22202-5050
Email: wermuth@rand.org
Phone: (703) 413-1100, ext. 5414

❖ *Terrorism Research Center:*
  o **Location(s)**: Northern VA (HQ).
  o **Mission Statement:** To study the research of terrorism, information warfare and security, critical infrastructure protection, homeland security, and other issues of low-intensity political violence and gray-area phenomena.
  o **Additional Info**: The TRC represents a new generation of terrorism and security analysis, combining expertise with technology to maximize the scope, depth and impact of our research for practical implementation. The TRC provides core expertise in terrorism, counterterrorism, critical infrastructure protection, information warfare and security (including design review, technical assessments, policy development and review, and training), vulnerability and threat assessment (red teaming), systems engineering, encryption, intelligence analysis, and national security and defense policy. The TRC maintains a network of terrorism and information warfare specialists drawn from industry, government, and academia in the United States, the United Kingdom, Sweden, Argentina, India, the Middle East, France, and Australia. By convening an international network of experts as required for customer projects, the TRC represents the next generation of collaborative research and analysis sharing. Similarly, the TRC is managed by a Board of Directors who represent the next generation of terrorism and information warfare experts. The TRC has produced a number of independent studies, including a comprehensive overview of US policy, strategy, programs, and budget to combat terrorism, produced for a US industry customer.
  o **Website**: http://www.homelandsecurity.com/
  o **Contact Person:**
     Email: TRC@terrorism.com
     Phone: (877) 635-0816

❖ *The Center for Advanced Studies in Science and Technology Policy:*
  o **Location(s)**: N/A (HQ).
  o **Mission Statement:** To focus on focused on information, technology, and national security policy and related issues.
  o **Additional Info**: The Center is a private, non-partisan research and advisory organization seeks to inform and influence national and international policy- and decision-makers in both the public and private sectors by providing sound, objective analysis, insight, and advice; in particular by identifying and articulating issues that lie at the intersection of technologically enabled change and existing practice in public policy, law, and industry. The Center performs independent research activities, public engagements, and provides advisory services to policy-makers in government and in the private sector.
  o **Website**: http://www.advancedstudies.org/
  o **Contact Person:** N/A

❖ *Center for Defense Information:*
  o **Location(s)**: Washington, DC (HQ); Moscow, Russia (International Office); Brussels, Belgium (International Office).
  o **Mission Statement:** To strengthen security through international cooperation; reduced reliance on unilateral military power to resolve conflict, reduced reliance on nuclear weapons, a transformed and reformed military establishment, and prudent oversight of, and spending on, defense programs.

- o **Additional Info**: CDI is a private, nongovernmental, research organization that seeks to contribute alternative views on security to promote wide-ranging discourse and debate. CDI educates the public and informs policy-makers about issues of security policy, strategy, operations, weapon systems and defense budgeting, and pursues creative solutions to the problems of today and tomorrow. CDI aims to improve understanding between the United States and key nations on security matters through new media initiatives that inform and educate opinion-makers, policy-makers, and general publics. CDI provides information and analyses to policy-makers around the globe – including the U.S. Congress, government, international agencies, the media and the public. On television, radio, the Internet, and in print, CDI serves as an authoritative, impartial monitor of global security issues, while continuing to meet the increasing worldwide demand for information and independent ideas.
- o **Website**: http://www.cdi.org/
- o **Contact Person:** Bruce G. Blair, President
  Mail: 1779 Massachusetts Ave NW, Washington, C 20036
  Email: Bblair@cdi.org
  Phone: (202) 797-5116
  Fax: (202) 462-4559

- ❖ *Computer Crime Research Center (CCRC):*
  - o **Location(s)**: Zaporizhzhya, Ukraine (HQ).
  - o **Mission Statement:** To research problems of e-crime and e-terrorism and warn about unlawful acts involving computer and information technologies.
  - o **Additional Info**: The Computer Crime Research Center (CCRC) is a non-profit organization which conducts extensive research on the problems of computer crime and cyber terrorism, and is composed of professionals dedicated to education in the field of preventing and investigating cyber crime and cyber terrorism. CCRC researches and warns of unlawful acts involving computer and information technologies, including computer crimes, internet fraud and cyber terrorism. In addition, they also conduct seminars, conferences and international symposia on cyber-crime and cyber-terrorism.
  - o **Website**: http://www.crime-research.org
  - o **Contact Person:**
    Mail: Box 8010, Zaporozhye 95, Ukraine, 69095
    Email: ccrc@crime-research.org
    Phone: +38 (061) 2621 472

- ❖ *Council on Foreign Relations (CFR):*
  - o **Location(s)**: New York, NY (HQ); Washington, DC (Regional Office)
  - o **Mission Statement:** To produce and disseminate ideas so that individual and corporate members, as well as policymakers, journalists, students, and interested citizens in the United States and other countries, can better understand the world and the foreign policy choices facing the United States and other governments.
  - o **Additional Info**: CFR was founded in 1921 as an independent, national membership organization as a nonpartisan center for scholars. The Council accomplishes its mission by convening meetings in select cities for senior governmental officials, global leaders, and prominent thinkers can gather to debate and discuss foreign policy, conducting studies to produce articles and books to analyze foreign policy issues and make policy recommendations, fostering interest and expertise in the next generation of foreign policy leaders, sponsoring independent task forces whose reports help set public foreign policy agendas, and providing current information about the world and U.S. foreign policy to the

public. The Council focuses on international politics, economics, and policy with the belief that the prosperity and peace of the U.S is dependent on that of the world.

- o **Website**: http://www.cfr.org/
- o **Contact Person:** Sharon Herbst, Program Coordinator
  Mail: The Harold Pratt House, 58 East 68th Street, New York, NY 10021
  Email: sherbst@cfr.org
  Phone: (212) 434-9400
  Fax: (212) 434-9800

- ❖ *National Memorial for the Prevention of Terrorism (MPT):*
  - o **Location(s):** Oklahoma City, OK (HQ):
  - o **Mission Statement:** To prevent terrorism or mitigate its effects.
  - o **Additional Info**: MPT, a nonprofit organization, originated in 1999 from the desire of the survivors and families of the Murrah Federal Building bombing of April 19, 1995 to have a living memorial. They work to fulfill an obligation to the respondents that are first on the scene in the aftermath of terrorist activity, such as police officers, firefighters, and emergency medical technicians. MPT accomplishes this by sponsoring research to discover equipment, training and procedures that assist them in preventing terrorism and responding to it. A majority of their efforts also lie with research into the social and political causes and effects of terrorism and the development of technologies to counter biological, nuclear, and chemical weapons of mass destruction as well as cyberterrorism.
  - o **Website**: http://www.mipt.org/
  - o **Contact Person:** Ken Thompson, Director of External Affairs
    Mail: P.O. Box 889 Oklahoma City, Oklahoma 73101
    Phone: (405) 278-6333
    Fax: (405) 232-5132